

Converting Colors

XYZ(14.0475, 17.8017, 17.0894)

Have a look what the booklet for
XYZ(14.0475, 17.8017, 17.0894)
contains.

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Color

**XYZ(14.0244, 17.7976,
17.1641)**

Conversions

Conversions Part 1

Format	Color
Hex	577D6D
RGB	87, 125, 109
RGB Percent	34%, 49%, 43%
CMY	0.6588, 0.5098, 0.5725
CMYK	0.30, 0.00, 0.13, 0.51
HSL	155°, 18%, 42%
HSV	155°, 30%, 49%
XYZ	14.0244, 17.7976, 17.1641
YIQ	111.8140, -17.5120, -13.0320

Conversions

Conversions Part 2

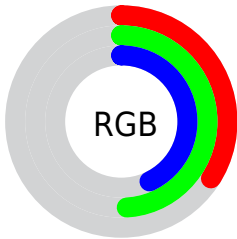
Format	Color
R_{YB}	87, 111, 125
Decimal	5733741
CIE _{Lab}	49.25, -17.04, 4.46
CIE _{LCh}	49, 17.611, 165.331
Yxy	17.7976, 0.2863, 0.3633
Android (android.graphics.Color)	4283923821 (0xFF577D6D)
YUV	111.8140, -1.3873, -21.7619
Hunter-Lab	42.1872, -14.4884, 5.4086

Details

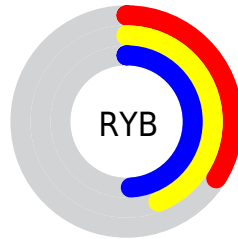
The XYZ color **14.0244, 17.7976, 17.1641** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.3144, 12.1561, 14.4246**, and the grayscale version is **15.3546, 16.1542, 17.5919**.

A 20% lighter version of the original color is **32.7468, 39.7821, 39.2105**, and **4.2906, 5.9480, 5.4794** is the 20% darker color. If you saturate the color by 10%, you get **12.6821, 17.1378, 15.6664**, and if you desaturate by 10%, it is **15.5868, 18.5698, 18.7615**.

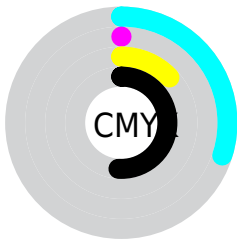
Distribution



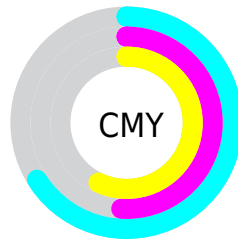
- Red (34%)
- Green (49%)
- Blue (43%)



- Red (34%)
- Yellow (44%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (51%)



- Cyan (66%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0244, 17.7976, 17.1641 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.0244, 17.7976, 17.1641 by changing the saturation by 10% instead.

■ 14.0244, 17.7976,
17.1641

■ 14.0244, 17.7976,
17.1641

210.8901,
239.7277, 248.1922

■ 8.2195, 10.8048,
10.1884

■ 32.7182, 39.6921,
39.4022

■ 4.2887, 5.9357,
5.4168

■ 46.3378, 55.3626,
55.5017

■ 1.8667, 2.8060,
2.4308

■ 63.2930, 74.6945,
75.4795

■ 0.5574, 1.0313,
0.8032

■ 83.9491, 98.0721,
99.7541

■ 0.0000, 0.0000,
0.0000

■ 108.6715,
125.8798, 128.7442

137.8256,

158.5021, 162.8682

171.7767,
196.3232, 202.5446

■ 14.0244, 17.7976,
17.1641

■ 14.0244, 17.7976,
17.1641

■ 12.6821, 17.1378,
15.6664

■ 15.5868, 18.5698,
18.7615

■ 11.5476, 16.5829,
14.2651

■ 17.3778, 19.4574,
20.4593

■ 10.6099, 16.1274,
12.9585

■ 19.4072, 20.4658,
22.2598

■ 9.8561, 15.7649,
11.7444

■ 21.6838, 21.5996,
24.1649

■ 9.2717, 15.4879,
10.6204

■ 24.2159, 22.8631,
26.1763

■ 8.8400, 15.2878,
9.5840

■ 27.0115, 24.2602,
28.2958

■ 8.5156, 15.1406,
8.6674

■ 30.0781, 25.7950,
30.5251

■ 33.4231, 27.4710,
32.8658

■ 37.0534, 29.2920,
35.3195

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.7553, 17.7976, 13.6589



14.0244, 17.7976, 17.1641



14.0328, 17.7976, 21.8857

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.0244, 17.7976, 17.1641



17.7702, 17.7976, 29.5472



19.2498, 17.7976, 13.6001

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.0244, 17.7976, 17.1641



14.3144, 12.1561, 14.4246

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.1695, 17.7976, 17.0706



14.0244, 17.7976, 17.1641



19.2782, 17.7976, 26.5064

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.0244, 17.7976, 17.1641



16.1241, 17.7976, 29.5833



20.1802, 17.7976, 21.7757



17.7336, 17.7976, 11.8404

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.0244, 17.7976, 17.1641



14.4538, 17.7976, 25.1324



20.1802, 17.7976, 21.7757



19.6432, 17.7976, 14.5777

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.0249, 17.7983, 17.1645



31.5254, 35.0441, 37.0077



14.7017, 18.2674, 11.7681



7.0752, 7.9237, 8.3305



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0249, 17.7983, 17.1645



23.5147, 31.0838, 28.9804



14.6497, 17.5416, 22.0167



4.3722, 4.8572, 5.1312



8.8838, 15.8001, 9.0270



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.3144, 12.1561, 14.4246



24.1157, 19.3887, 23.3055



13.7952, 12.2823, 10.6607



4.3970, 4.3720, 4.8953



9.4856, 4.8139, 3.8809



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0244, 17.7976, 17.1641 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.0244, 17.7976, 17.1641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0244, 17.7976, 17.1641

Background



This preview shows how black text looks on a background with the XYZ color 14.0244, 17.7976, 17.1641.

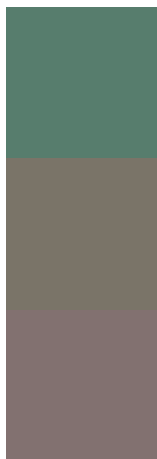


This preview shows how white text looks on a background with the XYZ color 14.0244, 17.7976,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.0244, 17.7976, 17.1641

Protanopia

16.7701, 17.6278, 15.6153

Deuteranopia

18.0357, 17.7259, 17.8001



Tritanopia

15.5380, 17.8603, 24.4582

Trichromacy



Original Color

14.0244, 17.7976, 17.1641

Protanomaly

15.5050, 17.4855, 16.1935

Deuteranomaly

16.1700, 17.4477, 17.5544

Tritanomaly

14.9375, 17.7948, 21.7162

Monochromacy



Original Color

14.0244, 17.7976, 17.1641

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8241, 16.7538, 17.4914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0244, 17.7976, 17.1641 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(87, 125, 109)` looks like.

```
.text, #text, p{  
    color:rgb(87, 125, 109)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(87, 125, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 125, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.0244, 17.7976, 17.1641 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(87, 125, 109) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(87, 125, 109) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(87, 125, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 125, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 125, 109);  
box-shadow:4px 4px 4px 4px rgb(87, 125,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0244, 17.7976, 17.1641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 125, 109) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(87, 125,  
109) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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